

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A connector connection structure comprising: a first connector on a housing accommodating an electric device mounted in a vehicle; and a second connector shaped so as to be fitted into said first connector by inserting it with a force not smaller than a predetermined amount,

wherein said second connector has a contact joinable with a contact of said first connector to be electrically connected, ~~and~~

said second connector includes a mechanism that is integral therewith for increasing a force applied by an operator for insertion,

said mechanism includes a rod-like insertion assist member in said second connector whose one end position is restricted,

said rod-like insertion assist member has a groove at a predetermined angle with respect to an insertion direction of said second connector,

a protrusion slidable in a said groove is fixed to said housing, and

said rod-like insertion assist member generates said force not smaller than a predetermined amount by said protrusion sliding along said groove.

2. (Currently Amended) The connector connection structure according to claim 1, wherein said ~~mechanism includes a rod-like insertion assist member~~ is connected to said second connector via a fulcrum,

said rod-like insertion assist member generates said force not smaller than a predetermined amount by applying, with its one end's position being restricted, a rotation force to another end, and

said housing includes a restriction means for restricting the position of said one end.

3. (Currently Amended) The connector connection structure according to claim 2, wherein said rod-like insertion assist member is supported rotatably about said fulcrum.

4. (Previously Presented) The connector connection structure according to claim 2, wherein said restriction means is a protrusion provided on said housing and formed in a position for said one end.

5. (Previously Presented) The connector connection structure according to claim 2, wherein said restriction means is an opening provided on said housing into which said one end can be inserted.

6. (Original) The connector connection structure according to claim 1, wherein said second connector is formed along a shape of said housing.

7. (Original) The connector connection structure according to claim 1, wherein said second connector is L-shaped.

8. (Canceled)

9. (Currently Amended) The connector connection structure according to claim 2, wherein another end of said rod-like insertion assist member is fixed to said housing after said second connector has been fitted into said first connector.

10. (Currently Amended) The connector connection structure according to claim 1, wherein said ~~mechanism includes a~~ rod-like insertion assist member is connected with said second connector via a fulcrum,

said rod-like insertion assist member generates said force not smaller than a predetermined amount by applying, with its one end's position being restricted, a rotation force to another end, and

said housing includes a restriction element for restricting the position of said one end.

11. (Currently Amended) The connector connection structure according to claim 10, wherein said rod-like insertion assist member is supported rotatably about said fulcrum.

12. (Previously Presented) The connector connection structure according to claim 10, wherein said restriction element is a protrusion provided on said housing and formed in a position for said one end.

13. (Previously Presented) The connector connection structure according to claim 10, wherein said restriction element is an opening provided on said housing into which said one end can be inserted.

14. (Currently Amended) The connector connection structure according to claim 10, wherein another end of said rod-like insertion assist member is fixed to said housing after said second connector has been fitted into said first connector.

15. (Currently Amended) A connector connection structure comprising: a first connector on a housing accommodating an electric device mounted in a vehicle; a second connector shaped so as to be fitted into said first connector by inserting it with a force not smaller than a predetermined amount; and a rod-like insertion assist member connected, via a fulcrum, with an insertion assist mechanism for fitting said second connector into said first connector,

wherein said rod-like insertion assist member generates said force not smaller than a predetermined amount for said second connector by applying, with its one end's position being restricted, a rotation force to another end,

said second connector includes a contact joinable with a contact of said first connector to be electrically connected, and

said housing includes a restriction means for restricting the position of said one end,

said insertion assist mechanism has a member connected with said one end, and

said restriction means is an opening provided on said housing into which said member can be inserted.

16. (Currently Amended) The connector connection structure according to claim 15, wherein said rod-like insertion assist member is rotatably supported on said insertion assist mechanism.

17. (Previously Presented) The connector connection structure according to claim 15, wherein said second connector is formed along a shape of said housing.

18. (Previously Presented) The connector connection structure according to claim 15, wherein said second connector is L-shaped.

19. (Previously Presented)) The connector connection structure according to claim 15, wherein said restriction means is a protrusion provided on said housing and formed in a position for said one end.

20. (Previously Presented) The connector connection structure according to claim 15, wherein said restriction means is an opening provided on said housing into which said one end can be inserted.

21. (Previously Presented) The connector connection structure according to claim 15, wherein said insertion assist mechanism has a member connected with said one end, and

said restriction means is a protrusion provided on said housing and formed so as to restrict said member's position.

22. (Canceled)

23. (Currently Amended) A connector connection structure comprising: a first connector on a housing accommodating an electric device mounted in a vehicle; a second connector shaped so as to be fitted into said first connector by inserting it with a force not smaller than a predetermined amount; and a rod-like insertion assist member connected, via a

fulcrum, with an insertion assist mechanism for fitting said second connector into said first connector,

wherein said rod-like insertion assist member generates said force not smaller than a predetermined amount for said second connector by applying, with its one end's position being restricted, a rotation force to another end,

said second connector includes a contact joinable with a contact of said first connector to be electrically connected, ~~and~~

said housing includes a restriction element for restricting the position of said one end,
said insertion assist mechanism has a member connected with said one end, and
said restriction element is an opening provided on said housing into which said
member can be inserted.

24. (Currently Amended) The connector connection structure according to claim 23, wherein said rod-like insertion assist member is rotatably supported on said insertion assist mechanism.

25. (Previously Presented) The connector connection structure according to claim 23, wherein said second connector is formed along a shape of said housing.

26. (Previously Presented) The connector connection structure according to claim 23, wherein said second connector is L-shaped.

27. (Previously Presented) The connector connection structure according to claim 23, wherein said restriction element is a protrusion provided on said housing and formed in a position for said one end.

28. (Previously Presented) The connector connection structure according to claim 23, wherein said restriction element is an opening provided on said housing into which said one end can be inserted.

29. (Previously Presented) The connector connection structure according to claim 23, wherein said insertion assist mechanism has a member connected with said one end, and said restriction element is a protrusion provided on said housing and formed so as to restrict said member's position.

30. (Canceled)

31. (New) A connector connection structure comprising: a first connector on a housing accommodating an electric device mounted in a vehicle; a second connector shaped so as to be fitted into said first connector by inserting it with a force not smaller than a predetermined amount; and a rod-like insertion assist member connected, via a fulcrum, with an insertion assist mechanism for fitting said second connector into said first connector, said insertion assist mechanism being removed after fitting of said second connector into said first connector, wherein

said rod-like insertion assist member generates said force not smaller than a predetermined amount for said second connector by applying, with its one end's position being restricted, a rotation force to another end,

said second connector includes a contact joinable with a contact of said first connector to be electrically connected,

said housing includes a restriction means for restricting the position of said one end,

said insertion assist mechanism includes:

a first member rotatably supporting said rod-like insertion assist member and coming in contact with said second connector,

a second member connected to said another end, provided in said first member, and movable in a direction parallel to an insertion direction of said second connector, and

a third member connected to said one end, and

said restriction means is a protrusion provided on said housing and formed so as to restrict a position of said third member in said insertion direction.